Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 29 Aug 2023 until 23:59 on Wednesday 30 Aug 2023

Forecast Issued on Monday 28 Aug 2023 at 14:15

Confidence: High confidence at first, lowering significantly from Thursday with the arrival of a weather system from the Atlantic.

Headline for Tuesday 29 Aug 2023: Cloudy with drizzle during the morning, but improving, with sunshine later.

Mountain weather hazards on Tuesday 29 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Fog	Drizzle	Sunny intervals	Sunny	Clear night	Light rain showers (night)
Precipitation probability							
20%	30%	30%	40%	20%	<05%	<05%	20%

Forecast for Tuesday 29 Aug 2023

Weather: Cloudy and drizzly during the morning, with the occasional heavier burst. Clearing up by the early afternoon, with sunny spells later. Showers may affect western parts again after dark.

Chance of cloud-free hill tops above 600m: 30% becoming 100%

Low cloud and visibility: Areas of cloud base 300-400m at first, lifting from mid-morning to clear the tops of the hills by early afternoon. Poor or very poor on the hills in the morning, with cloud covering higher slopes, but gradually improving, with excellent visibility and views of distant summits during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Tuesday 29 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 SW	14/18 SW	14/18 SW	15/20 W	17/23 W	19/26 W	16/22 W	13/18 W	13/19 W
300	8/12 SW	9/14 SW	9/14 SW	11/15 SW	13/19 W	15/23 W	12/20 NW	9/13 W	10/16 SW
Valley	4/10 SW	5/13 SW	5/13 SW	7/15 SW	11/21 W	13/24 W	10/20 W	4/11 W	5/12 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/7	10/7	11/8	12/9	12/8	10/7	9/6	8/5
300	12/10	12/10	12/10	13/11	14/12	15/12	13/11	12/10	11/9
Valley	12/12	12/12	12/12	13/12	15/13	16/13	14/12	12/11	11/10
Freezing Level*	2200m	2200m	2400m	2300m	2300m	2000m	1700m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility during the morning means good navigational skills will be required. Despite cloud cover during the morning, sun protection is likely to be required later in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 28 Aug 2023	0mm	0mm	0.2mm

Forecast for Wednesday 30 Aug 2023

Weather: Low cloud and drizzly showers during the morning, before cloud lifts and breaks to allow sunny spells during the afternoon. Largely dry from mid-afternoon onwards.

Maximum wind: Westerly 10-15mph gusting 25mph

Chance of cloud-free hill tops above 600m: 30% becoming 90%

Low cloud and visibility: Low cloud base around 400m at first, quickly lifting above the hills by late morning. Poor visibility in drizzle and low cloud covering hills at first, improving to very good as the cloud lifts.

Temperature: **Valleys:** Plus 10 Celsius becoming plus 14 Celsius
At 600m: Plus 10 Celsius
Freezing level: Above the summits

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